

## INTERNATIONAL SEARCH REPORT

International Application No

T/US2004/030019

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G02F1/15 G04F1/02 G09F3/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02F G04F G09F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC, IBM-TDB, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 6 198 701 B1 (DE JONGHE LUTGARD C ET AL) 6 March 2001 (2001-03-06) column 3, line 7 - column 7, line 16; claims; figures 1-4	1,2,6,7, 9-11,20 3
X A	US 6 285 492 B1 (PARKER ROBERT ET AL) 4 September 2001 (2001-09-04) column 2, line 10 - column 11, line 46; figures 1-9,13,18-22	1,2 5-11
X A	US 5 930 023 A (PARKER ROBERT ET AL) 27 July 1999 (1999-07-27) column 5, line 16 - column 12, line 32; figures 1-5,10-15	1,2 5-11
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Date of the actual completion of the international search

16 November 2004

Date of mailing of the international search report

06/12/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 10, 8 October 2003 (2003-10-08) & JP 2003 172957 A (SONY CORP), 20 June 2003 (2003-06-20) abstract -----	3
Y	PATENT ABSTRACTS OF JAPAN vol. 0124, no. 15 (P-781), 4 November 1988 (1988-11-04) & JP 63 153525 A (FUJI ELECTRIC CO LTD), 25 June 1988 (1988-06-25) abstract -----	3
A	DE 198 18 716 A (WISCONSIN LABEL CORP) 29 October 1998 (1998-10-29) column 4, line 38 - column 9, line 56; figures 1-8 -----	1,2
A	US 2002/014768 A1 (MITCHELL CHAUNCEY T ET AL) 7 February 2002 (2002-02-07) paragraph '0043! - paragraph '0100!; figures -----	1,2

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Information on patent family members

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